

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	17	cai-yuqi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 14:28
S2	16	chopra-divya.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 14:28
S3	0	chopra-divya-\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 14:28
S4	7	fisher-john-charles.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 14:35
S5	50	(styrene near2 maleic acid) and "liquid crystal" and ((conductive near2 filler)) and hollow	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 17:57
S6	3166	(styrene near2 maleic acid) and "liquid crystal" and hollow	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 14:38
S7	0	(styrene near2 maleic acid) and "liquid crystal" and hollow and "2003".fd.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 14:38
S8	1030	(styrene near2 maleic acid) and "liquid crystal" and hollow and filler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 14:39
S9	2423725	(styrene near2 maleic acid) and "liquid crystal" and hollow "2005".py.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 14:39

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S10	2423725	(styrene near2 maleic acid) and "liquid crystal" and hollow "2005". py.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 14:40
S11	1199628	(styrene near2 maleic acid) and "liquid crystal" and hollow "2006". py.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 14:40
S12	3065	(styrene near2 maleic acid) and "liquid crystal" and mitsubishi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 14:41
S13	252	(styrene near2 maleic acid) and "liquid crystal" and mitsubishi and hollow	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 14:41
S14	3093	(styrene near2 maleic acid) and "liquid crystal" and graphite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 17:57
S15	71	(styrene near2 "maleic acid") and "liquid crystal" and graphite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 18:00
S16	182	(styrene near2 "maleic anhydride") and "liquid crystal" and graphite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 18:08
S17	1536	"separator plate" and "429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 18:22
S18	3	"separator plate" and (styrene near2 "maleic anhydride") and "429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 18:21
S19	507	"separator plate" and "429"/\$.ccls. and mold\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 18:22

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S20	383	"separator plate" and "429"/\$.ccls. and mold\$4 and conductive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 18:22
S21	0	"separator plate.ti." and "429"/\$.ccls. and mold\$4 and conductive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 18:22
S22	0	"separator plate.ti." and "429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 18:22
S23	130	(separator near2 plate).ti. and "429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 18:25
S24	51	(separator near2 plate).ti. and "429"/\$.ccls. and conductive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 18:26
S25	569	(collectornear2 plate).ti. and "429"/\$.ccls. and conductive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 18:26
S26	22	(collector near2 plate).ti. and "429"/\$.ccls. and conductive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 18:26

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=> s styrene maleic anhydride
    281047 STYRENE
    4486 STYRENES
    282145 STYRENE
        (STYRENE OR STYRENES)
    97213 MALEIC
        2 MALEICS
    97213 MALEIC
        (MALEIC OR MALEICS)
    205873 ANHYDRIDE
    32390 ANHYDRIDES
    216293 ANHYDRIDE
        (ANHYDRIDE OR ANHYDRIDES)
L1      3014 STYRENE MALEIC ANHYDRIDE
        (STYRENE (W) MALEIC (W) ANHYDRIDE)
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=> s liquid crystal
    732460 LIQUID
    129519 LIQUIDS
    830281 LIQUID
        (LIQUID OR LIQUIDS)
    1020342 LIQ
    97429 LIQS
    1058329 LIQ
        (LIQ OR LIQS)
    1463624 LIQUID
        (LIQUID OR LIQ)
    1241200 CRYSTAL
    640523 CRYSTALS
    1521946 CRYSTAL
        (CRYSTAL OR CRYSTALS)
L2      155916 LIQUID CRYSTAL
        (LIQUID (W) CRYSTAL)
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=> s l1 and l2
L3      46 L1 AND L2
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=> d l3 ibib abs total
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L3      ANSWER 1 OF 46  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:      2006:732637  CAPLUS
DOCUMENT NUMBER:       145:147117
TITLE:                 Styrene polymer laminated films with good handling
                        properties and their optical retardation films
INVENTOR(S):           Mizuguchi, Keiichi
PATENT ASSIGNEE(S):    Sumitomo Chemical Co., Ltd., Japan
SOURCE:                Jpn. Kokai Tokkyo Koho, 6 pp.
                        CODEN: JKXXAF
DOCUMENT TYPE:         Patent
LANGUAGE:              Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2006192637	A2	20060727	JP 2005-4961	20050112
PRIORITY APPLN. INFO.:			JP 2005-4961	20050112

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AB      The laminated films, useful for liq. crystal displays
        (LCDs), comprise 10-100 µm-thick styrene polymer layers and 10-100
        µm-thick acrylic polymer-rubber particle composition ones. Thus, a 3-layer
        stretched neg. optical retardation film comprising an inner layer of
        styrene-maleic anhydride copolymer (Dylark D
        332) and 2 outer layers of an acrylic polymer containing 20% acrylic rubber
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